

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/004383

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01D9/00 C01D3/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01D C01D C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 330 618 A (DANIELS EDWARD J ET AL) 19 July 1994 (1994-07-19) the whole document	1,10
A	US 3 155 458 A (FIEDELMAN HOWARD W ET AL) 3 November 1964 (1964-11-03) the whole document	1.
A	US 4 747 917 A (REED EMILY J ET AL) 31 May 1988 (1988-05-31) cited in the application the whole document	1
A	CA 2 414 292 A (AKZO NOBEL NV) 21 February 2003 (2003-02-21) the whole document	1
A, P	-& WO 03/035551 A (AKZO NOBEL NV) 1 May 2003 (2003-05-01) the whole document	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

12 July 2004

Date of mailing of the international search report

19/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hilt, D

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2004/004383

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5330618	A	19-07-1994	CA	2085055 A1		11-06-1994
US 3155458	A	03-11-1964	NONE			
US 4747917	A	31-05-1988	NONE			
CA 2414292	A	21-02-2003	CA	2414292 A1		21-02-2003
			EP	1419107 A1		19-05-2004
			HU	0302313 A2		28-10-2003
			NO	20025454 A		01-05-2003
			CN	1458905 T		26-11-2003
			WO	03035551 A1		01-05-2003
			US	2003049197 A1		13-03-2003
WO 03035551	A	01-05-2003	CA	2414292 A1		21-02-2003
			CN	1458905 T		26-11-2003
			WO	03035551 A1		01-05-2003
			EP	1419107 A1		19-05-2004
			HU	0302313 A2		28-10-2003
			NO	20025454 A		01-05-2003
			US	2003049197 A1		13-03-2003